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| Application/Contact No. | Applica | tion/Contro | No. |
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10/813,233

Examiner **Trung Dang**  Applicant(s)/Patent under Reexamination

YAMAZAKI ET AL.

Art Unit

2823

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

Appeal Α 0 Objected

|                  |                                  |                                     |          |          |          |                | J        |              |                                     |          |
|------------------|----------------------------------|-------------------------------------|----------|----------|----------|----------------|----------|--------------|-------------------------------------|----------|
| Cla              | im                               | Date                                |          |          |          |                |          |              |                                     |          |
| Final            | Original                         | 3/20/06                             |          |          |          |                |          |              |                                     |          |
| 1                | 1                                | Ξ                                   |          |          |          |                |          |              |                                     |          |
|                  | 2                                |                                     |          | L        |          |                |          |              |                                     |          |
| 2                | 3                                | 11                                  |          |          |          |                |          |              |                                     |          |
| 3                | 4                                | >                                   |          |          | П        |                |          |              |                                     |          |
| 4                | <u>4</u><br>5                    | Ξ                                   |          |          |          |                |          |              |                                     |          |
| 2<br>3<br>4<br>5 | 6                                | =                                   |          |          |          |                |          |              |                                     |          |
| 6                | 7                                | =                                   |          |          |          | $\vdash$       |          | Г            |                                     |          |
| 6<br>7           | 8                                | 5                                   | _        | _        |          | _              |          |              |                                     |          |
| 8                | 9                                | =                                   |          |          |          | _              | _        |              |                                     |          |
| 9                | 10                               | Ξ                                   |          |          |          | _              |          |              |                                     |          |
| 10               | 11                               | =                                   |          |          | 1        |                |          |              |                                     |          |
| 11               | 12                               | Ξ                                   |          |          |          |                |          |              |                                     |          |
| 12               | 13                               | =                                   |          |          | $\Box$   |                |          |              |                                     | П        |
| 11<br>12<br>13   | 14                               | =                                   |          |          |          |                |          |              |                                     |          |
| 14<br>15         | 11<br>12<br>13<br>14<br>15<br>16 | =                                   |          |          |          |                |          |              |                                     |          |
| 15               | 16                               | $\equiv$                            |          | Г        | Г        |                |          |              |                                     |          |
| 16               | 17                               | =                                   |          |          |          |                |          |              |                                     |          |
| 17               | 18<br>19                         | =                                   |          | Г        |          |                |          |              |                                     |          |
|                  | 19                               |                                     |          | Г        |          |                |          |              |                                     |          |
|                  | 20                               |                                     |          |          |          |                |          |              |                                     |          |
|                  | 21                               |                                     |          |          | Г        |                |          |              |                                     |          |
|                  | 21<br>22                         |                                     |          |          |          |                |          |              |                                     |          |
|                  | 23<br>24                         |                                     |          |          |          |                |          |              |                                     |          |
|                  | 24                               |                                     |          | Г        |          |                |          |              |                                     |          |
|                  | 25                               |                                     |          |          |          |                |          |              |                                     |          |
|                  | 26<br>27<br>28                   |                                     |          |          |          |                |          |              |                                     |          |
|                  | 27                               |                                     |          |          |          |                |          |              |                                     |          |
|                  | 28                               |                                     |          |          |          |                |          |              |                                     |          |
|                  | 29<br>30                         |                                     |          |          |          |                | L        |              |                                     |          |
|                  | 30                               |                                     |          |          | L        |                |          |              |                                     |          |
|                  | 31<br>32                         |                                     |          |          |          |                | L        |              |                                     |          |
| <u> </u>         | 32                               |                                     |          | _        |          | _              | _        |              |                                     |          |
|                  | 33                               |                                     |          |          | _        | _              |          |              | L.                                  |          |
|                  | 34<br>35                         | $oxed{oxed}$                        |          | <u> </u> |          | _              | <u>L</u> | L.           | L                                   |          |
|                  | 35                               | L_                                  |          | L_       | L        | L              | <u>_</u> | $oxed{oxed}$ | L                                   |          |
|                  | 36                               | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | _        | $\perp$  |                | _        | lacksquare   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        |
|                  | 37                               | <u> </u>                            |          | <u> </u> | $\perp$  |                | <u> </u> | lacksquare   | Ш                                   |          |
| $oxed{oxed}$     | 38                               | $\vdash$                            | _        | <u> </u> | <u> </u> | <u> </u>       | _        |              |                                     |          |
|                  | 39                               | <u> </u>                            |          | <u> </u> | <u> </u> | <b> </b>       | <u> </u> | <u> </u>     | _                                   |          |
| igsquare         | 40                               | <u> </u>                            |          | <u> </u> | <u> </u> | <u> </u>       |          |              | <u> </u>                            | _        |
| <u> </u>         | 41                               | <u> </u>                            | <u> </u> | <u> </u> | <u> </u> | <u> </u>       | <u> </u> |              | Щ.                                  |          |
|                  | 42                               | <u> </u>                            |          | <u> </u> | <u> </u> | <u> </u>       | <u> </u> | <u> </u>     | <u> </u>                            |          |
| ļ                | 43                               | <u> </u>                            | <u> </u> | ļ        | Ь_       | <u> </u>       | <u> </u> |              | <b>L.</b>                           |          |
| <u> </u>         | 44                               | $\vdash$                            | _        | <u> </u> | <u> </u> | <u> </u>       | <u> </u> |              | L.                                  |          |
| <u> </u>         | 45                               | $\vdash$                            | _        | <u> </u> | <u> </u> | $\vdash$       | _        |              | <b>.</b>                            |          |
|                  | 46                               | $\vdash$                            | _        | <u> </u> | ₩        | <u> — </u>     | <u> </u> | <u> </u>     | Ь.                                  | <u> </u> |
| ├                | 47                               |                                     | _        | <u> </u> | <u> </u> | <u> </u>       | _        | <u> </u>     | _                                   |          |
|                  | 48                               |                                     | <u> </u> | _        | <u> </u> | <u> </u>       | <u> </u> | <u> </u>     | -                                   | _        |
|                  | 49<br>50                         | $\vdash$                            |          |          | -        | <del>  -</del> | ├        | $\vdash$     |                                     | <u> </u> |
|                  | 511                              |                                     |          |          |          |                |          |              |                                     |          |

| Cla  | im             | Date         |          |              |          |          |                    | _        |                    |          |
|--|----------------|--------------|----------|--------------|----------|----------|--------------------|----------|--------------------|----------|
| ———  |                | $\vdash$     | _        | Г            | Ė        |          | Ĺ                  | _        |                    |          |
| Finat  | Original       |              |          |              |          |          |                    |          |                    |          |
|  | 51             |              |          |              |          |          |                    |          |                    |          |
|  | 52<br>53       |              |          |              |          |          |                    |          |                    |          |
|  | 53             |              |          |              |          |          |                    |          |                    |          |
|  | 54             |              |          |              |          |          |                    |          |                    |          |
|  | 55             |              |          |              |          |          |                    |          |                    |          |
|  | 56             |              |          |              |          | L        | L                  |          |                    |          |
|  | 57             |              |          | _            |          |          |                    |          |                    |          |
|  | 58             |              | _        | $oxed{oxed}$ | _        | _        |                    |          |                    |          |
| ļ  | 59             |              | _        | _            | _        |          |                    | _        |                    |          |
|  | 60             |              |          |              |          |          |                    | <u> </u> | -                  |          |
|  | 61             | _            | _        | _            | _        |          |                    |          |                    |          |
| _  | 62<br>63       | Н            | _        | -            | _        | $\vdash$ | _                  | -        | -                  | _        |
|  | 64             | -            |          | _            |          | -        | _                  | -        |                    | _        |
|  | 65             |              |          | $\vdash$     | $\vdash$ |          |                    | -        |                    | -        |
|  | 66             |              |          | $\vdash$     | ┝        | -        | _                  | -        | -                  | -        |
|  | 67             |              |          | -            | -        | -        | _                  | $\vdash$ | $\vdash$           |          |
|  | 68             | _            | -        | $\vdash$     |          | $\vdash$ | _                  |          |                    | $\vdash$ |
|  | 69             |              |          | -            |          |          |                    |          |                    |          |
|  | 70             |              |          |              | $\vdash$ | Г        | $\vdash$           |          |                    | _        |
|  | 71             |              |          |              | _        | Г        |                    |          |                    |          |
|  | 72             |              |          |              |          |          |                    |          |                    |          |
|  | 71<br>72<br>73 |              |          |              |          |          |                    |          |                    |          |
|  | 74             |              |          |              |          |          |                    |          |                    |          |
|  | 74<br>75       |              |          |              |          |          |                    |          |                    |          |
|  | 76             |              |          |              |          |          |                    |          |                    |          |
|  | 76<br>77<br>78 |              |          |              |          |          |                    |          |                    |          |
|  | 78             |              |          | _            |          |          |                    |          |                    | _        |
|  | 79             |              |          | _            |          |          | $\vdash$           | _        | _                  |          |
|  | 80             | _            |          | $\vdash$     |          |          | _                  | _        | _                  | _        |
|  | 81             | <u> </u>     | _        | _            | _        | _        | _                  | _        |                    |          |
| _  | 82<br>83       | _            | $\vdash$ | _            | -        | _        | _                  | _        | $\vdash$           | _        |
|  | 84             |              | _        | _            | _        | _        | _                  |          |                    |          |
|  | 85             | _            | $\vdash$ |              | -        |          | _                  | _        | $\vdash$           | -        |
| <u> </u>   | 86             | $\vdash$     | _        | _            |          | _        | _                  | -        | $\vdash$           | -        |
| <del>                                     </del> | 87             | -            | $\vdash$ | Н            | _        | Н        | _                  | -        | $\vdash$           | -        |
|  | 88             |              |          | -            |          |          | -                  | _        |                    | _        |
|  | 89             | $\vdash$     |          |              |          |          |                    |          |                    |          |
|  | 90             | П            | П        |              |          | П        | Т                  |          |                    |          |
|  | 91             |              |          |              |          |          |                    |          |                    |          |
|  | 92             |              |          |              |          |          |                    |          |                    |          |
|  | 93             |              |          |              |          |          |                    |          |                    |          |
|  | 94             |              |          |              |          |          |                    |          |                    |          |
|  | 95             |              |          |              |          | $\Box$   | $oxedsymbol{oxed}$ | _        |                    |          |
|  | 96             |              |          |              |          |          |                    | L.       | L                  |          |
|  | 97             | L            |          |              | L        | L.,      | L                  | <u> </u> | L                  |          |
|  | 98             |              |          | <u> </u>     | $\vdash$ | $\vdash$ | oxdot              | L        | $ldsymbol{\sqcup}$ |          |
|  | 99             | $oxed{oxed}$ |          | <u></u>      |          | oxdot    | $oxed{oxed}$       | Щ        |                    |          |

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| CI       | aim                             |              |              |              |          | Date     | <del></del>                                      |          |  |                |
|----------|---------------------------------|--------------|--------------|--------------|----------|----------|--|----------|--|----------------|
|          |                                 |              |              |              |          |          |  |          |  |                |
| ā        | Original                        |              |              |              |          |          |  |          |  |                |
| Final    | <u> </u>                        | l            |              |              |          |          |  |          |  |                |
| -        | Ō                               |              |              | ŀ            |          |          |  |          |  |                |
| <u> </u> |                                 | ⊢            | _            |              | _        | _        | -  | <u> </u> | <u> </u>   | $\vdash$       |
|          | 101<br>102                      | <u> </u>     | _            |              |          |          |  | _        | _  | Ш              |
|          | 102                             | <u></u>      | _            |              |          |          | L.   | _        |  |                |
|          | 103                             | _            |              |              |          |          |  |          | L  |                |
|          | 104<br>105                      |              |              |              |          |          |  |          |  |                |
|          | 105                             |              |              |              |          |          |  |          |  |                |
|          | 106                             |              |              |              |          |          |  |          |  |                |
|          | 107                             |              |              |              |          | $\Box$   |  |          |  |                |
|          | 108                             | Т            |              |              |          |          |  |          | $\vdash$   |                |
|          | 109                             | $\vdash$     |              |              |          |          | Н  |          |  |                |
|          | 110                             | $\vdash$     | _            |              | -        | -        | -  | -        | ┢  | $\vdash$       |
|          | 111                             | $\vdash$     | -            | _            | _        |          | -  | $\vdash$ | $\vdash$   | $\vdash$       |
| <u> </u> | 111                             |              | <u> </u>     | -            |          | H        | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash\vdash$ |
| <u> </u> | 112<br>113                      | <u> </u>     | <u> </u>     | $\vdash$     | -        | H        | ⊢  | <u> </u> | ├—   | $\vdash\vdash$ |
|          | 113                             | $\vdash$     | <u> </u>     | H            | $\vdash$ | Ь.       | <u> </u>   | <u> </u> | <u> </u>   | Щ              |
|          | 114                             | <u> </u>     | L_           | _            | L        | Щ        | $\vdash$   | <u> </u> | <u> </u>   | Ш              |
| L        | 115                             | <u></u>      | L.           |              |          |          | <u> </u>   |          | <u>_</u>   | Ш              |
|          | 116                             | L            |              |              |          |          |  |          |  |                |
|          | 117                             |              | L            |              |          |          | L  | L        | L  |                |
|          | 118                             |              |              |              |          |          |  |          |  |                |
|          | 119                             |              |              |              |          |          |  |          | $\overline{}$                                    |                |
|          | 120                             | $\vdash$     | _            |              |          | _        |  |          | $\vdash$   | П              |
| ·        | 120<br>121<br>122               | _            |              | -            |          |          |  | -        | $\vdash$   | П              |
| <u> </u> | 122                             | -            |              |              | _        | _        |  | $\vdash$ | $\vdash$   | Н              |
| _        | 123                             | $\vdash$     | _            |              | _        | _        | $\vdash$   | _        | ┢  | $\vdash$       |
|          | 124                             | ┢            | -            |              |          | _        | $\vdash$   | -        | ┝  | $\vdash$       |
|          | 124                             | ⊢            |              |              | _        | _        | -  | ⊢        | _  | $\vdash$       |
|          | 125                             | <u> </u>     |              |              |          | _        |  | ⊢        | -  | Н              |
|          | 123<br>124<br>125<br>126<br>127 | L            |              | _            |          |          | L  | _        | <u> </u>   | $\dashv$       |
| <u> </u> | 127                             | _            | <u> </u>     |              |          |          | <u> </u>   |          | _  | Ш              |
|          | 128<br>129                      | <u>_</u>     |              |              |          |          | <u> </u>   | _        | <u> </u>   | Ш              |
|          | 129                             | L            |              |              | _        |          |  |          | _  | Ш              |
|          | l 130 l                         |              |              |              |          |          |  |          |  |                |
|          | 131                             |              |              |              |          |          |  |          |  | Ш              |
|          | 132                             |              |              |              |          |          |  |          |  |                |
|          | 131<br>132<br>133               |              |              |              |          |          |  |          |  |                |
|          | 134                             |              |              |              |          |          |  |          |  |                |
|          | 134<br>135                      | $\vdash$     |              |              | _        |          |  |          |  | П              |
| $\vdash$ | 136                             | <del> </del> | Ι            | $\vdash$     | Н        |          | -  | Η-       | $\vdash$   | Н              |
|          | 137                             | $\vdash$     | $\vdash$     | $\vdash$     | Н        | $\vdash$ | $\vdash$   | $\vdash$ | <del>                                     </del> |                |
| <u> </u> | 137<br>138                      | -            | $\vdash$     | -            | $\vdash$ | $\vdash$ | $\vdash$   | <u> </u> | $\vdash$   | $\vdash$       |
|          | 130                             | $\vdash$     | <del> </del> | <del> </del> | $\vdash$ | -        | <del>                                     </del> | $\vdash$ | $\vdash$   | $\vdash$       |
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| <u> </u> | 141                             | $\vdash$     | <u> </u>     |              | Ь.       | <u> </u> | <u> </u>   | <u> </u> |  | Ш              |
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| <u> </u> | 144                             | <u> </u>     | _            | _            | L        | L.,      | <u> </u>   |          | <u> </u>   | Ш              |
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|          | 146                             | <u> </u>     | L            |              | $\Box$   |          | _  |          |  |                |
|          | 147                             |              |              |              |          |          |  |          | L  |                |
|          | 148                             | $L^{-}$      | L            |              |          |          |  |          |  |                |
|          | 149                             |              | L            |              |          |          |  |          | Ĺ  |                |
|          | 150                             |              | L            |              |          |          |  |          |  |                |